



## SEQUENCE LISTING

<110> Microtechnics Limited  
Le Page, Richard WF  
Wells, Jeremy M  
Hanniffy, Sean B

<120> Proteins

<130> PWC/P21089wo

<140> PCT/GB99/02444

<141> 1999-07-27

<150> GB 9816335.5

<151> 1998-07-27

<150> US 60/125163

<151> 1999-03-19

<160> 212

<170> PatentIn Ver. 2.1

<210> 1

<211> 1248

<212> DNA

<213> Streptococcus agalactiae

<400> 1

```

atggaaaaaa atacttgga aaaattactt gttagtactg ctgctctttc agtagttgca 60
ggaggagcaa ttgctgctac tcactctaac tcagttgatg ctgcttcaaa aaaaactatc 120
aaactttggg tccaacaga ttcaaaagcg tttataaaag caattgttaa aaaattcgag 180
aaggaaaaaca aaggcggtac tgtaaaaatg attgagtcta atgactccaa agtcaagaa 240
aacgtaaaaa aagacccaag caaggcagcc gatgtattct cacttcaca tgaccaactt 300
ggtcaattag tagaatctgg tgttatccaa gaaattccag agcaatactc aaaagaaatt 360
gctaaaaacg acactaaaca atcacttact ggtgcacaat ataaagggaa aacttatgca 420
ttcccatctg gtattgaatc tcaagttctt tattataata aaacaaagtt aactgctgac 480
gacgttaaat catacgaaac aattacaagc aaagggaaat tcggtcaaca gcttaaagca 540
gctaactcat atgtaacagg tctctctttc cttctctgtag gcgacacttt atttggtaaa 600
tctggtgaag atgctaaagg cactaactgg ggtaatgaag cagggtgttc tgtccttaaa 660
tggattgcag atcaaaagaa aaatgatggt tttgtcaact tgacagctga aaatacaatg 720
tctaaatttg gcgatggttc tgttcatgct tttgaaagtg gaccatggga ttacgacgct 780
gctaaaaaag ctgtcggtga agataaaatc ggtgttgctg tttacccaac aatgaaaatc 840
ggtgacaaag aagttcaaca aaaagcattc ttgggcgtta aactttatgc cgtaaccaaa 900
gcacctgctg gttcaaacac taaacgaatc tcagctagct acaaactcgc tgcataatca 960
actaatgctg aaagtcaaaa aattcaattc gaaaaacgtc atatcgttcc tgtaactca 1020
tcaattcaat cttctgatag cgtccaaaaa gatgaacttg caaaagcagt tatcgaaatg 1080
ggtagctcag ataatatata aacggttatg cctaagttga gtcaaatgtc aacattctgg 1140
acagaaagtg ctgctattct tagcgatact tacagtggta aaatcaaata tagcgattac 1200
cttaaacgtc taaaacaatt cgataaagac atcgctaaaa caaaatag 1248

```

<210> 2

<211> 415

<212> PRT

<213> Streptococcus agalactiae